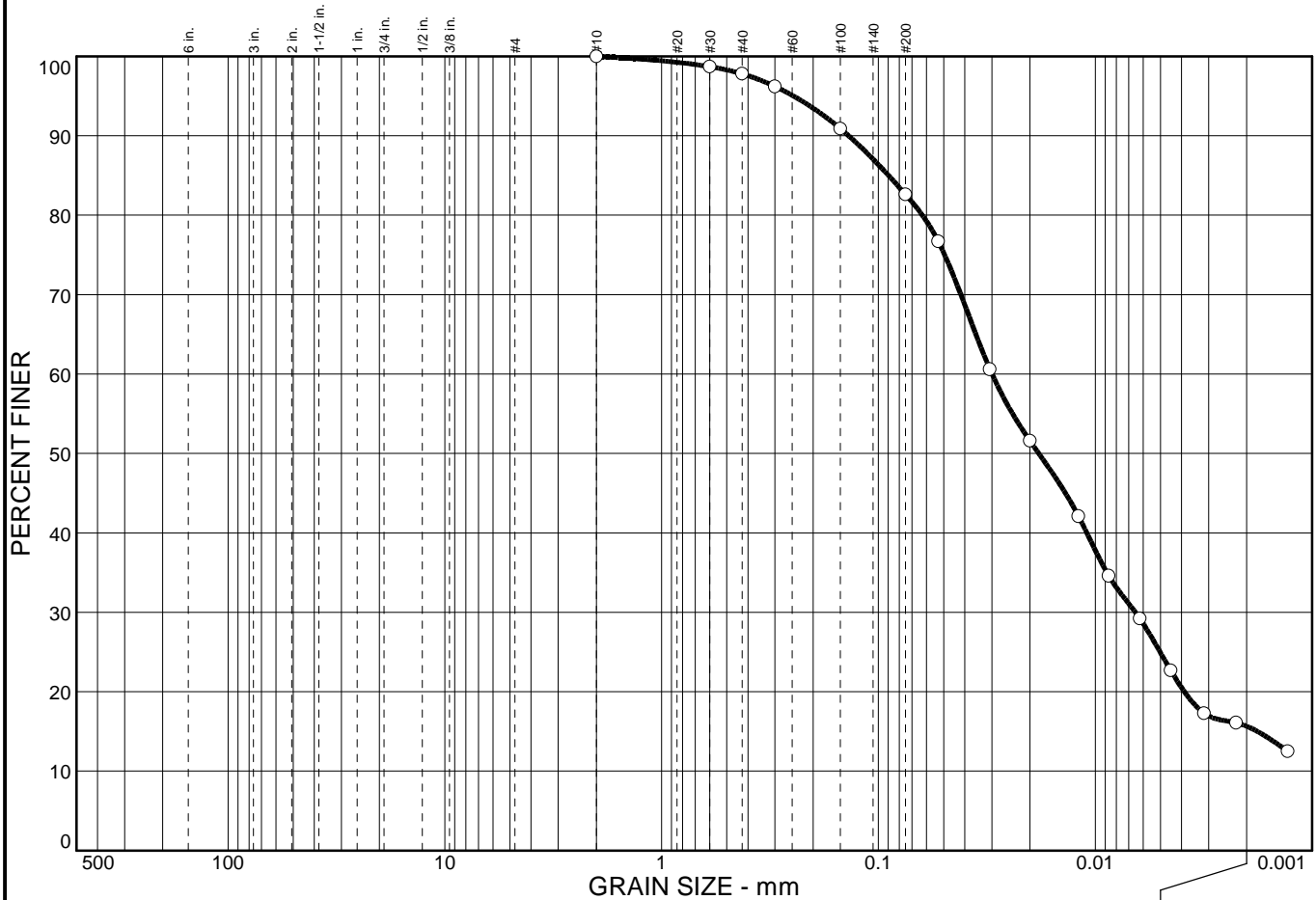


# Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	0.0	17.4	67.0	15.6

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#10	100.0		
#30	98.7		
#40	97.8		
#50	96.2		
#100	90.9		
#200	82.6		
#270	76.7		
0.0306 mm.	60.6		
0.0200 mm.	51.6		
0.0120 mm.	42.1		
0.0087 mm.	34.6		
0.0062 mm.	29.2		
0.0045 mm.	22.7		
0.0031 mm.	17.3		
0.0022 mm.	16.1		
0.0013 mm.	12.5		

**Soil Description**

Olive Brown CLAY w/ Sand

**Atterberg Limits**

PL=                      LL=                      PI=

**Coefficients**

D<sub>85</sub>= 0.0899      D<sub>60</sub>= 0.0299      D<sub>50</sub>= 0.0182

D<sub>30</sub>= 0.0065      D<sub>15</sub>= 0.0018      D<sub>10</sub>=

C<sub>u</sub>=                      C<sub>c</sub>=

**Classification**

USCS=                      AASHTO=

**Remarks**

This test run per ASTM D 4221 without chemical or mechanical dispersion.

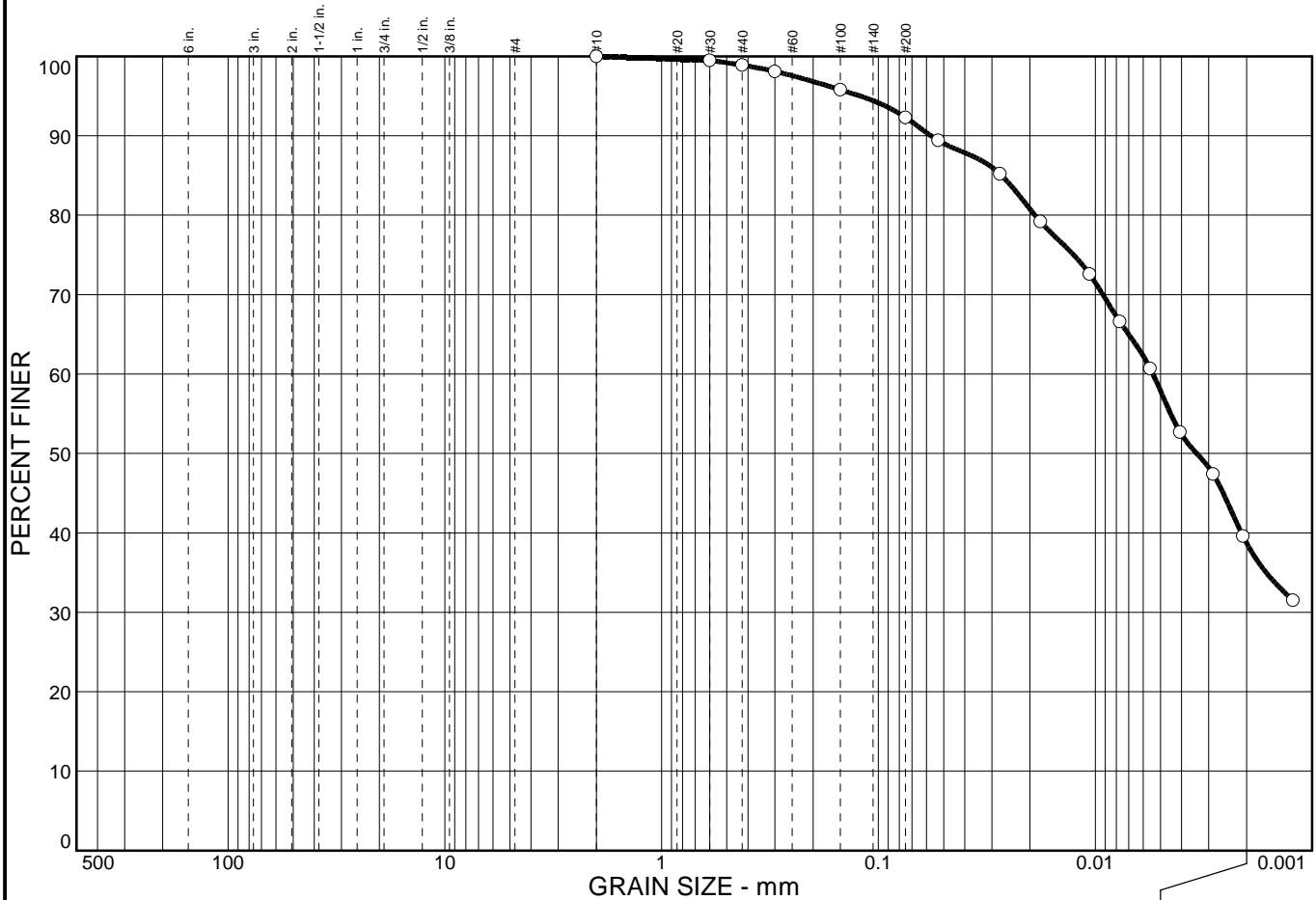
\* (no specification provided)

**Sample No.:** Double Hydrometer    **Source of Sample:** P-5  
**Location:**

**Date:** 10/31/19  
**Elev./Depth:** 12-13.5'

<b>COOPER TESTING LABORATORY</b>	<p><b>Client:</b></p> <p><b>Project:</b></p> <p><b>Project No:</b></p>
	<b>Figure</b>

# Particle Size Distribution Report



<b>% COBBLES</b>	<b>% GRAVEL</b>	<b>% SAND</b>	<b>% SILT</b>	<b>% CLAY</b>
0.0	0.0	7.7	53.6	38.7

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#10	100.0		
#30	99.5		
#40	98.9		
#50	98.1		
#100	95.8		
#200	92.3		
#270	89.4		
0.0275 mm.	85.2		
0.0179 mm.	79.2		
0.0106 mm.	72.6		
0.0077 mm.	66.6		
0.0056 mm.	60.7		
0.0041 mm.	52.7		
0.0029 mm.	47.4		
0.0021 mm.	39.6		
0.0012 mm.	31.5		

**Soil Description**

Olive Brown CLAY

**Atterberg Limits**

PL=                      LL=                      PI=

**Coefficients**

D<sub>85</sub>= 0.0271              D<sub>60</sub>= 0.0054              D<sub>50</sub>= 0.0034

D<sub>30</sub>=                      D<sub>15</sub>=                      D<sub>10</sub>=

C<sub>u</sub>=                      C<sub>c</sub>=

**Classification**

USCS=                      AASHTO=

**Remarks**

Run per ASTM D422.

\* (no specification provided)

**Sample No.:** T-2  
**Location:**

**Source of Sample:** P-5

**Date:** 10/31/19  
**Elev./Depth:** 12-13.5'

<b>COOPER TESTING LABORATORY</b>	<p><b>Client:</b></p> <p><b>Project:</b></p> <p><b>Project No:</b></p>
	<b>Figure</b>